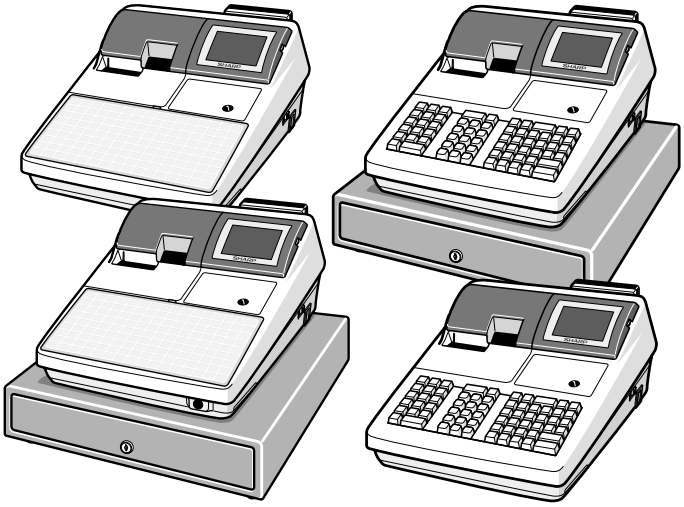
SHARP INSTALLATION MANUAL

CODE : 00ZUP600VIM/E



UP-700 UP-600

MODEL UP-600 UP-700

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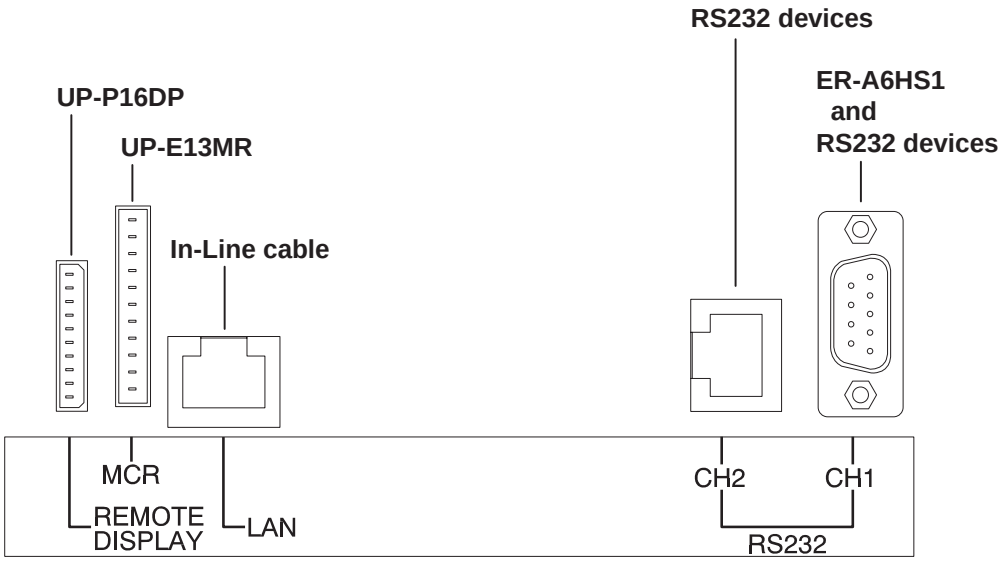
Parts marked with "⚠" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

SHARP CORPORATION

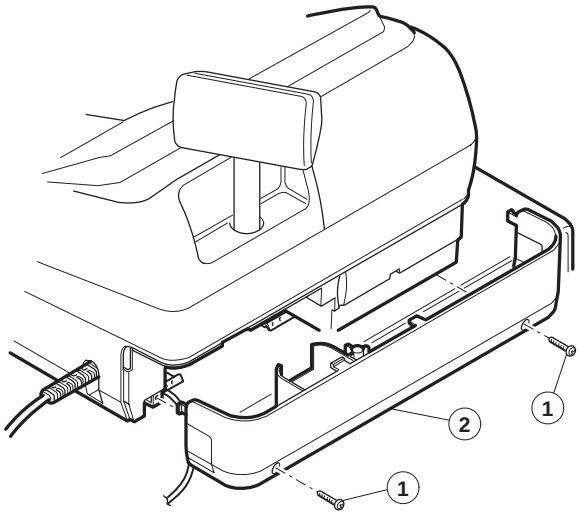
This document has been published to be used for after sales service only.
The contents are subject to change without notice.


RS232 devices
ER-A6HS1
and
RS232 devices
UP-P16DP
UP-E13MR
In-Line cable
MCR
REMOTE
DISPLAY
LAN
CH2
CH1
RS232

CHAPTER 1. REMOVING THE REAR COVER

1. REMOVING THE REAR COVER

1) Remove the two screws ①.
2) Remove the rear cover ②.



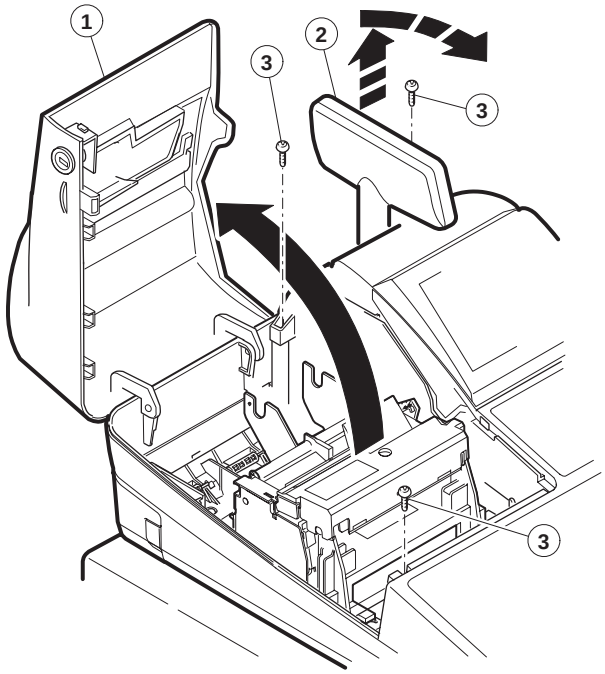
2. REPLACING THE REAR COVER

Install the rear cover in the reverse order of removing.

CHAPTER 2. REMOVING THE TOP CABINET

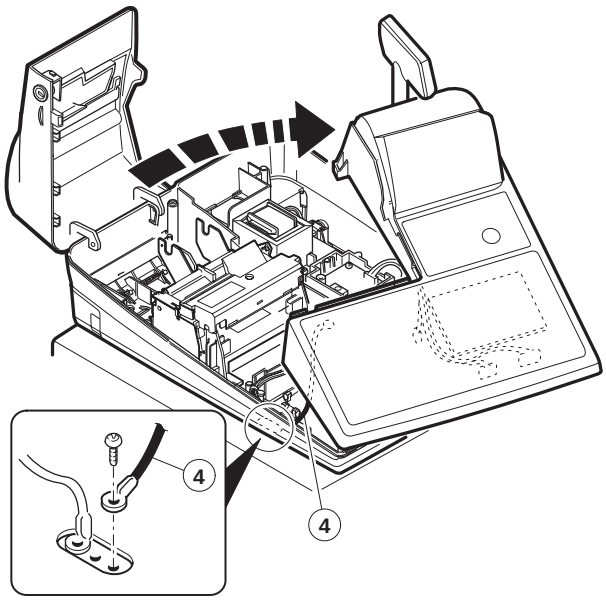
1. REMOVING THE TOP CABINET

1) Open the printer cover ①.
2) Lift the pop-up display unit ②.
3) Remove the three screws ③.

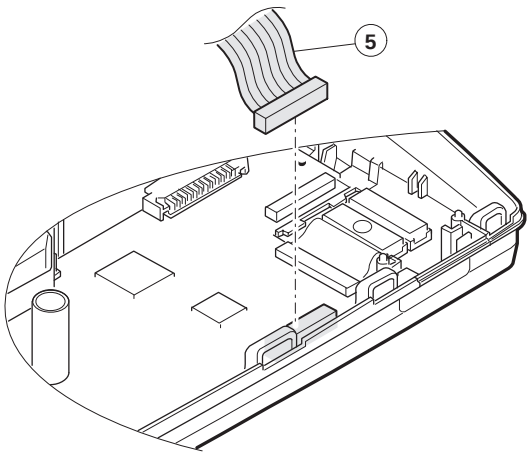


4) Slightly lift and slide the top cabinet, and remove the grounding wire ④.

Note: Do not pull up the top cabinet unit the grounding wire and connector cables from the top Cabinet are removed.



5) Remove the following cable between the top cabinet and the main PWB.
Cable ⑤ between the MAIN PWB and the CKDC PWB.



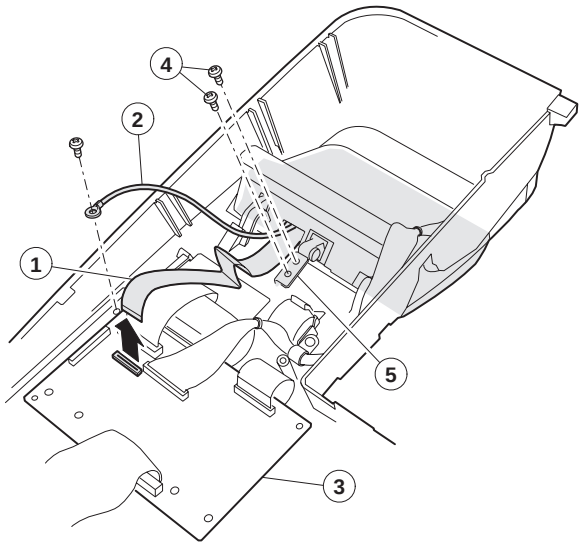
2. REPLACING THE TOP CABINET

Install the top cabinet in the reverse order of removing.

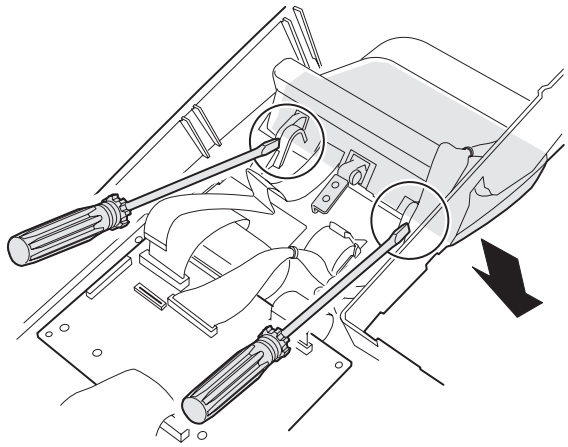
CHAPTER 3. REMOVING THE LCD UNIT

1. REMOVING THE LCD UNIT

1) Remove the top cabinet from the bottom cabinet.
2) Remove the LCD flat cable ① and the earth wire ② from the CKDC PWB ③.
3) Remove the two screws ④ from the LCD HINGE ⑤.

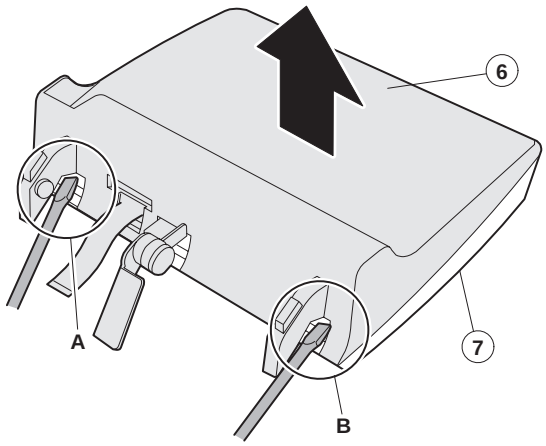


4) Remove the LCD unit from the top cabinet.

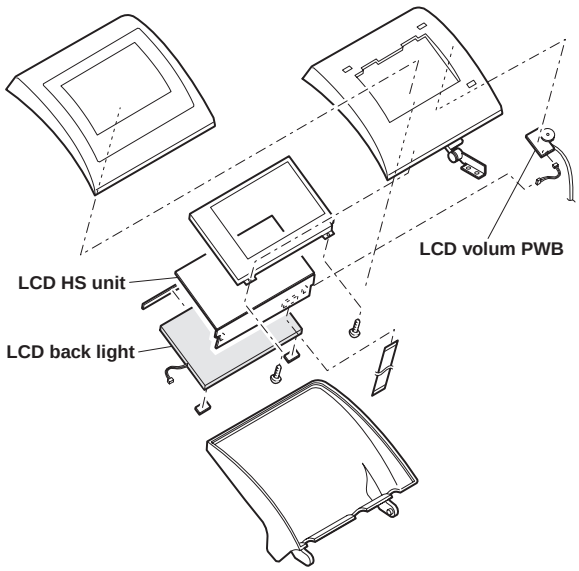


Insert a flat-bladed screwdriver into the right and left mounting areas and remove.

5) With a flat-bladed screwdriver, remove the two latches of each of the LCD rear cabinet ⑥ and the LCD filer ⑦.



∗ Turn of A and B when you remove it.



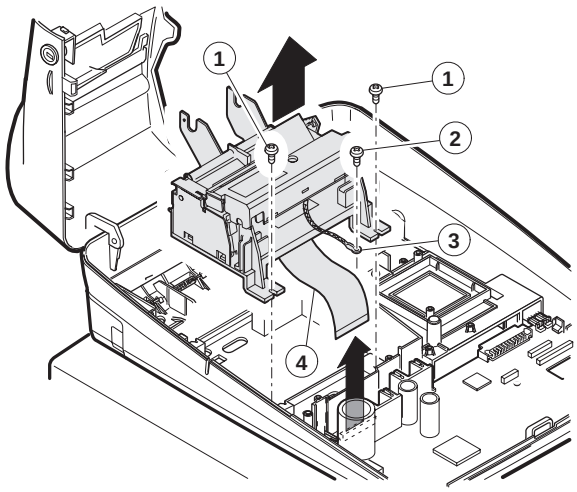
2. REPLACING THE LCD UNIT

Install the LCD unit in the reverse order of removing.

CHAPTER 4. REMOVING THE PRINTER UNIT

1. REMOVING THE PRINTER UNIT

1) Remove the top cabinet.
2) Remove the two screws ① fixed on the printer unit.
3) Remove the screw ② fixed on the earth wire ③.
4) Remove the printer cable ④ from the MAIN PWB (CN9).



2. REPLACING THE PRINTER UNIT

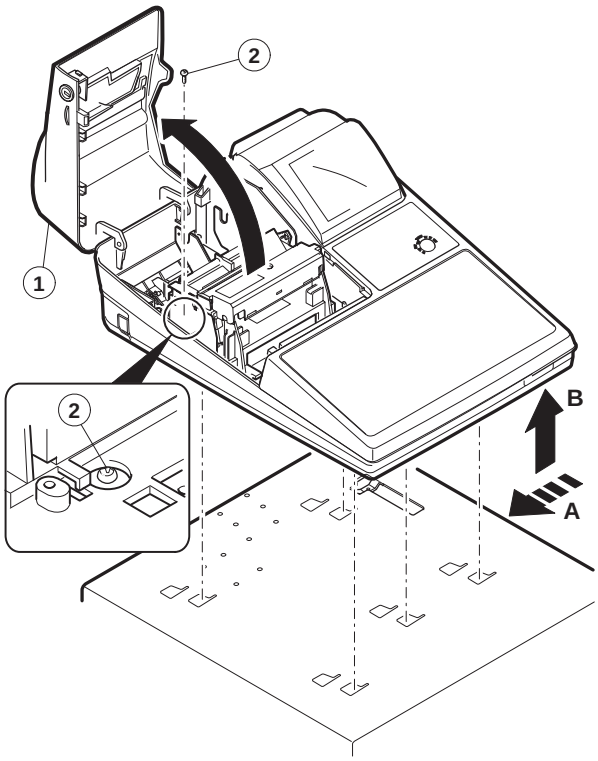
Install the printer unit in the reverse order of removing

CHAPTER 5. REMOVING THE STANDARD DRAWER unit (For KA,KB version)

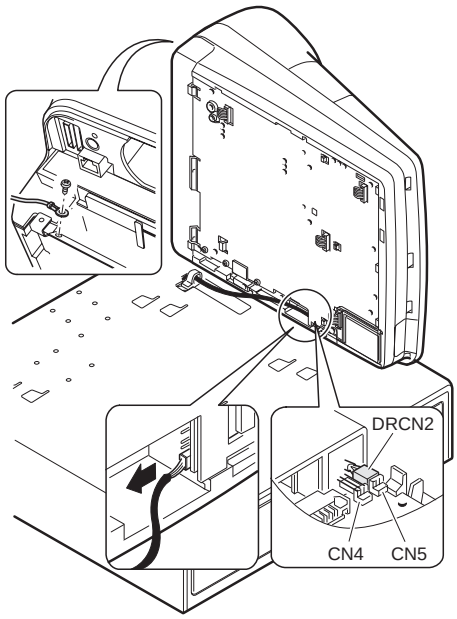
1. REMOVING THE STANDARD DRAWER UNIT

1) Open the printer cover ①.

2) Remove the screw ② fixed on the drawe unit.



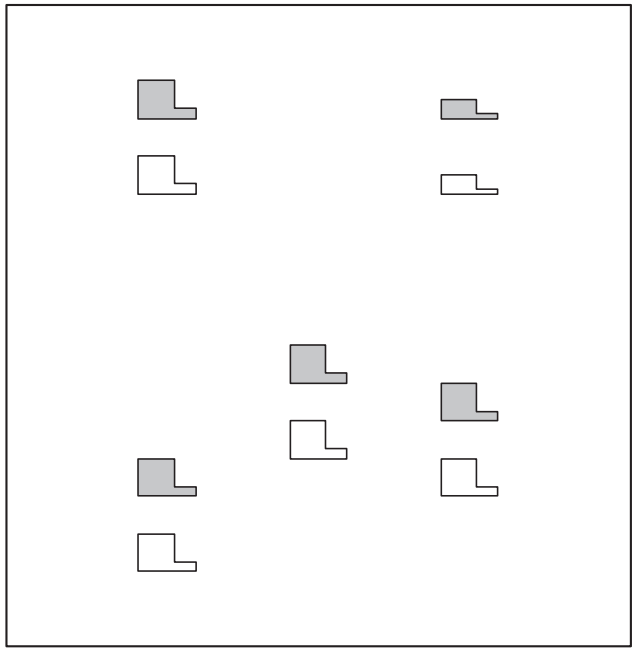
3) Stand the main drawer sideways as illusted above, and remove the drawer connector from the MAIN PWB (CN:5).



2. REPLACING THE STANDARD DRAWER UNIT

Install the standard drawer unit in the reverse order of removing

The drawer top has the following holes with which the drawer position can be changed.

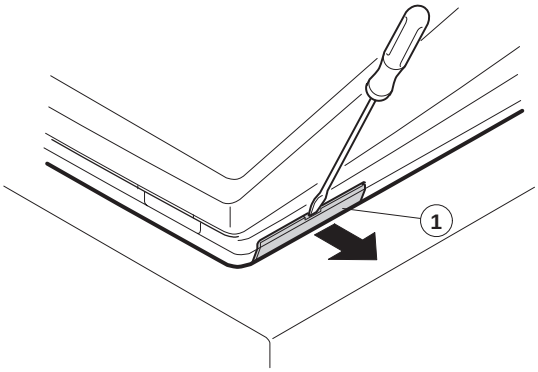


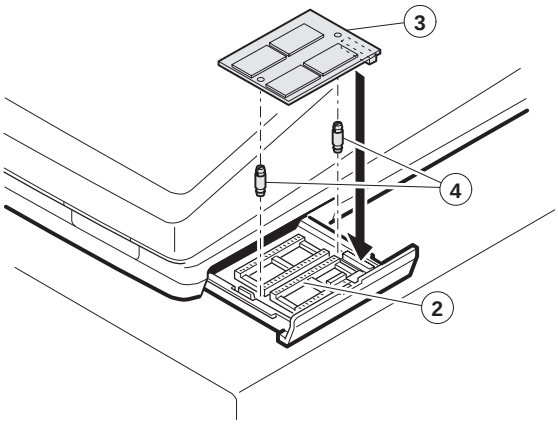
: Standard position

: Rear position

CHAPTER 6. EXPANSION RAM BOARD : UP-S02MB/04MB

1) Open the ROM/RAM case ①.
2) Install the two spacers ④ on the ROM/RAM PWB unit ②.
3) Connect the UP-S02MB/04MB ③ to the ROM/RAM PWB unit ② (CN:303)

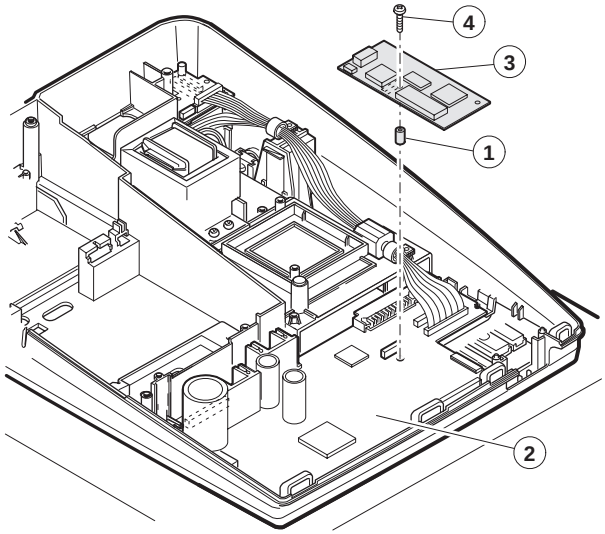




NOTE: The UP-S02MB/S04MB has an electric double layer capacitor (C21). When removing it after using, use caution not to bring it close to any conductor.

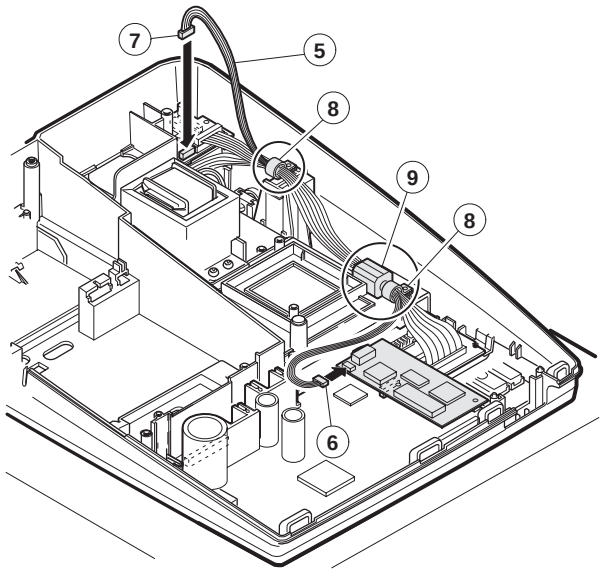
CHAPTER 7. IN-LINE I/F : UP-E10IN

1) Remove the top cabinet.
2) Install the spacer ① on the MAIN PWB ② .
3) Connect the UP-E10IN ③ to the MAIN PWB ② (CN:304).
4) Fix the UP-E10IN ③ to the spacer ① with a screw ④.



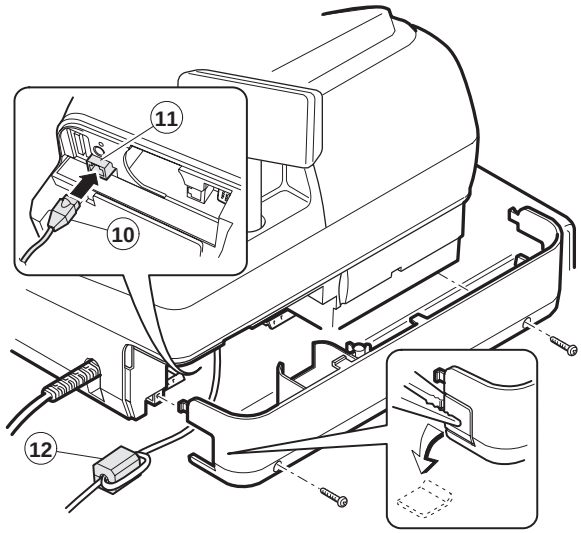
5) Pass the TCP/IP cable ⑤ through the two standard holder ⑧ and one core ⑨ to the following PWB.

   UP-E10IN side ⑥ : CN3, MCR POLE RELAY PWB side ⑦ : CN504

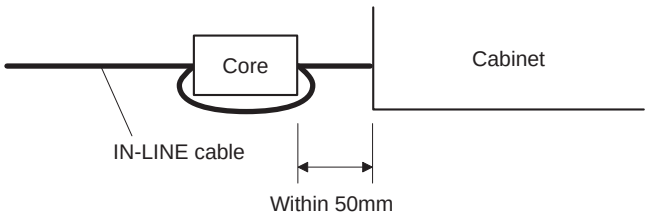


7) Remove the rear cover.
8) Connect the LAN cable ⑩ to the LAN connector ⑪.

9) Install the core ⑫ to the LAN cable ⑪.

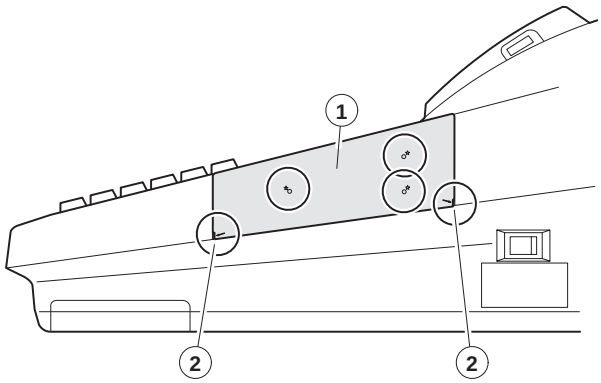


NOTE: Install the ferrite core in a position less than 50 mm from the cabinet.



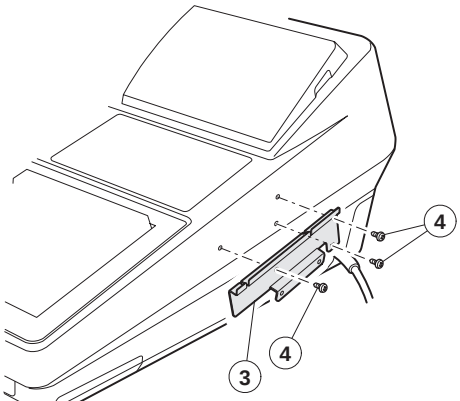
CHAPTER 8. MCR UNIT : UP-E13MR

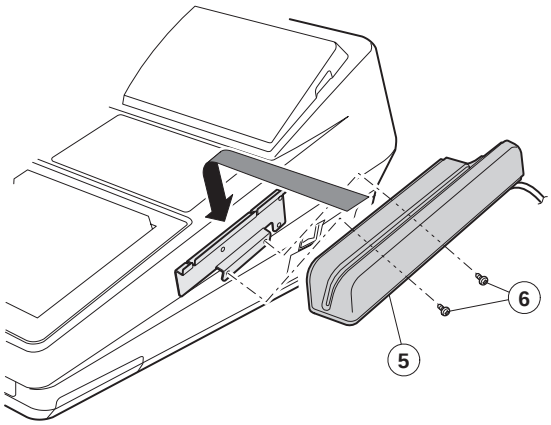
1) Align the MCR sheet ① with the positioning line of the top cabinet ②.
2) Mark 3 points of the asterisk mark on the MCR sheet ③.



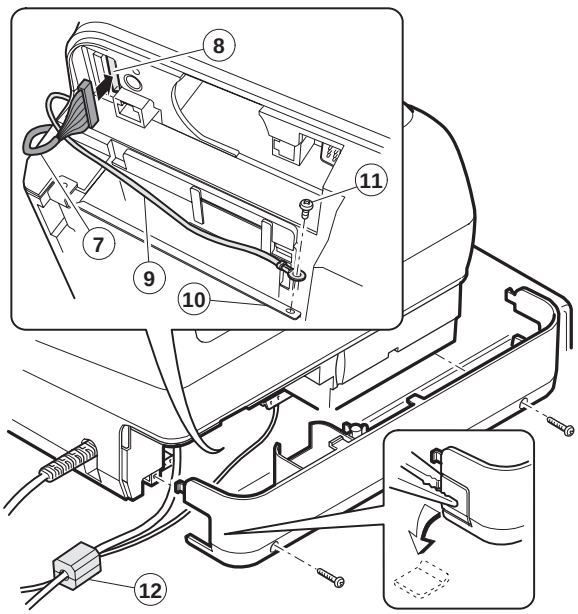
3) Aligning with the markings, secure the MCR angle 1 ③ to the top cabinet ② with 3 screws ④.

4) Install the MCR unit ⑤ to the MCR angle 1 ③ and secure with 2 screws ⑥.

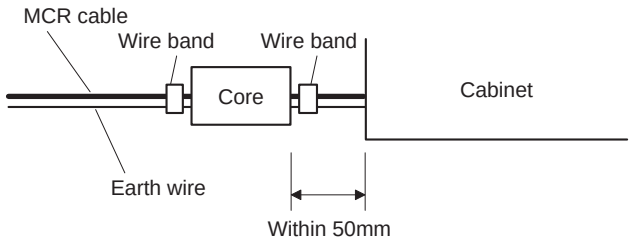




5) Remove the rear cover.
6) Connect the MCR cable ⑦ to the MCR connector ⑧.
7) Fix the earth wire ⑨ to the main chassis ⑩ with a screw ⑪.
8) Install the core ⑫ to the MCR cable ⑦ and earth wire ⑨ with two wire bands.

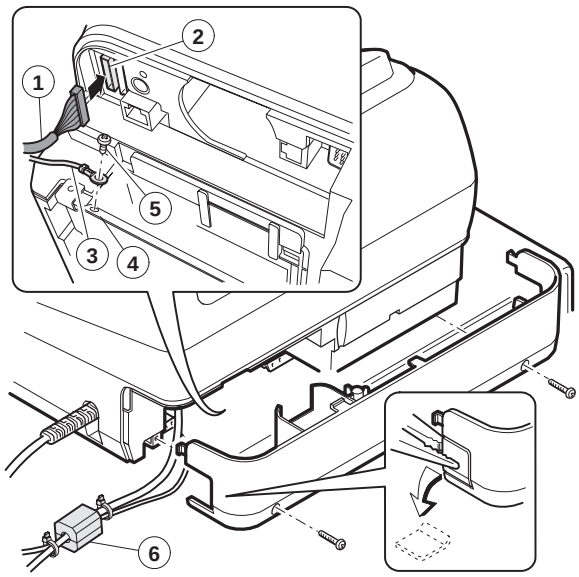


NOTE: Install the ferrite core in a position less than 50 mm from the cabinet.

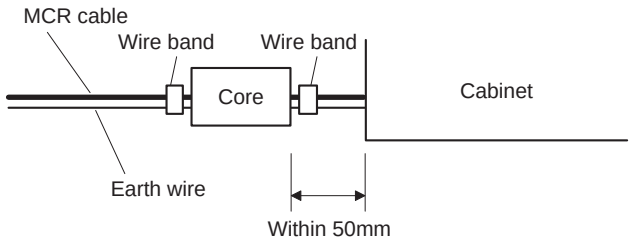


CHAPTER 9. POLE DISPLAY UNIT : UP-P16DP

1) Remove the rear cover.
2) Connect the display cable ① to the POLE connector ②.
3) Fix the earth wire ③ to the main chassis ④ with a screw ⑤.
4) Install the core ⑥ to the display cable ① and earth wire ③.
   Secure the core ⑥ with two wire bands.



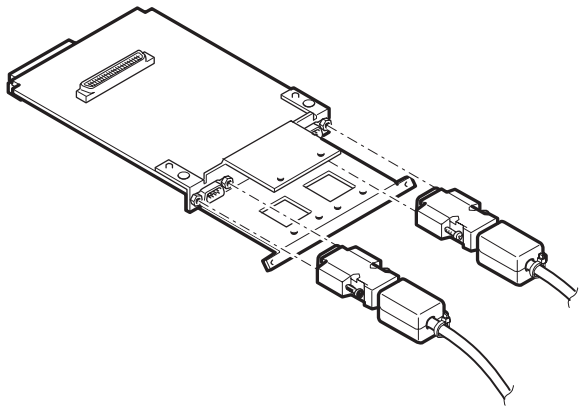
NOTE: Install the ferrite core in a position less than 50 mm from the cabinet.



CHAPTER 10. RS-232 I/F :ER-A5RS , EFT & RS-232 I/F: ER-01EF

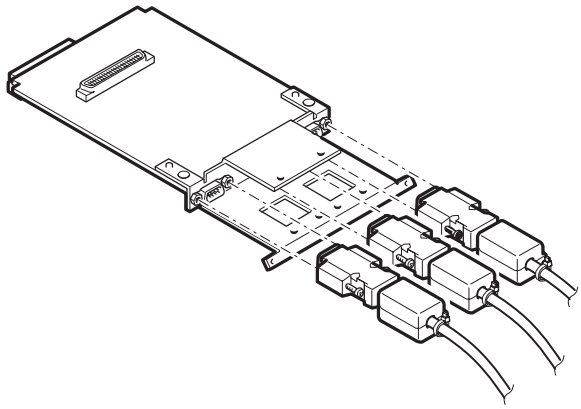
1) Connect the extrnal cables to the I/F board.

<ER-A5RS>



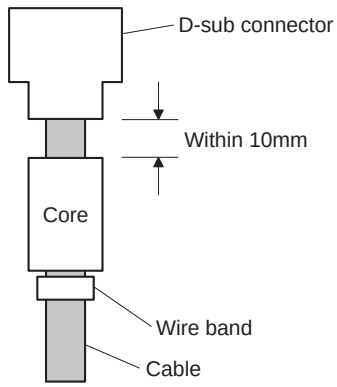
- Install the core (RC0RF6700BHZZ) to the cable with a band.

<ER-01EF>

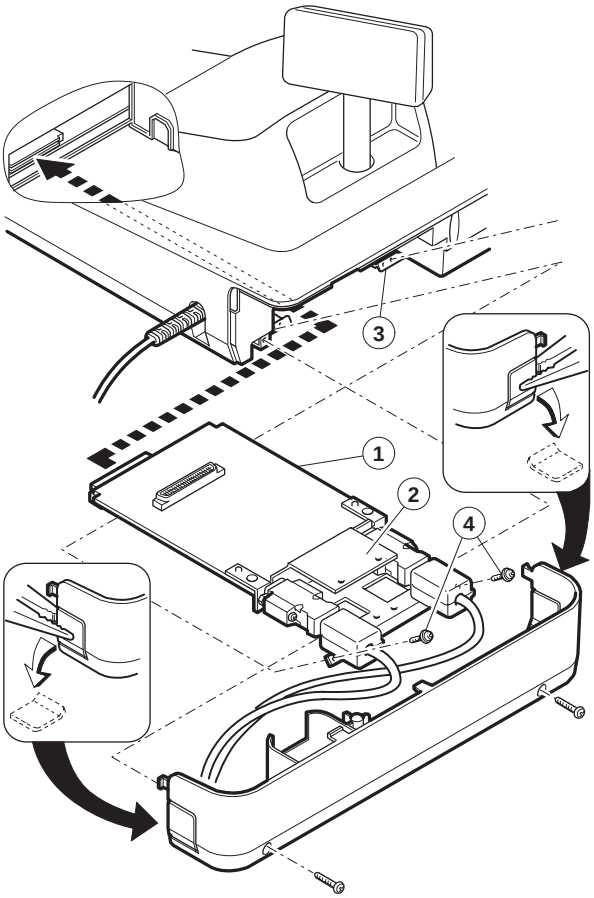


- Install the core (RC0RF6700BHZZ) to the cable with a band.

NOTE: Install ferrite core in a position less than 10 mm from the D-sub connector.

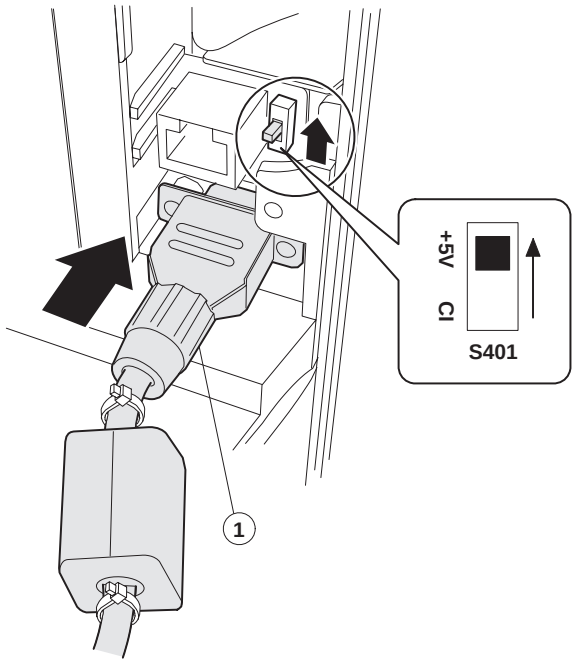


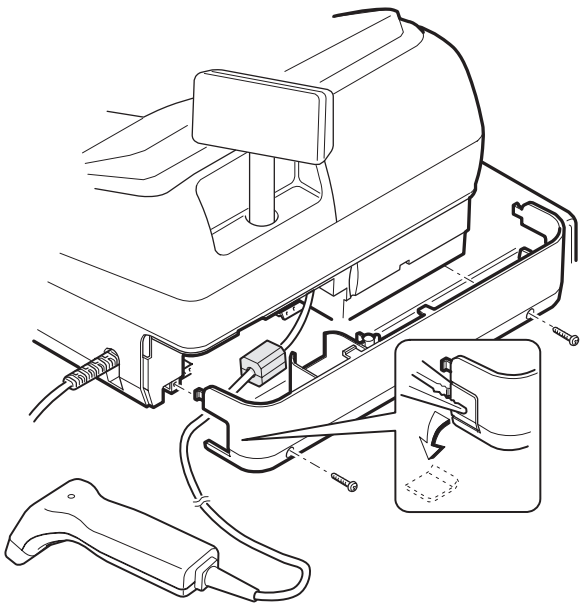
2) Remove the rear cover.
3) Insert the I/F PWB ① to the connector of the MAIN PWB
4) Fix the I/F angle ② to the main chassis ③ with two screws ④.



CHAPTER 11. HAND SCANNER : ER-A6HS1

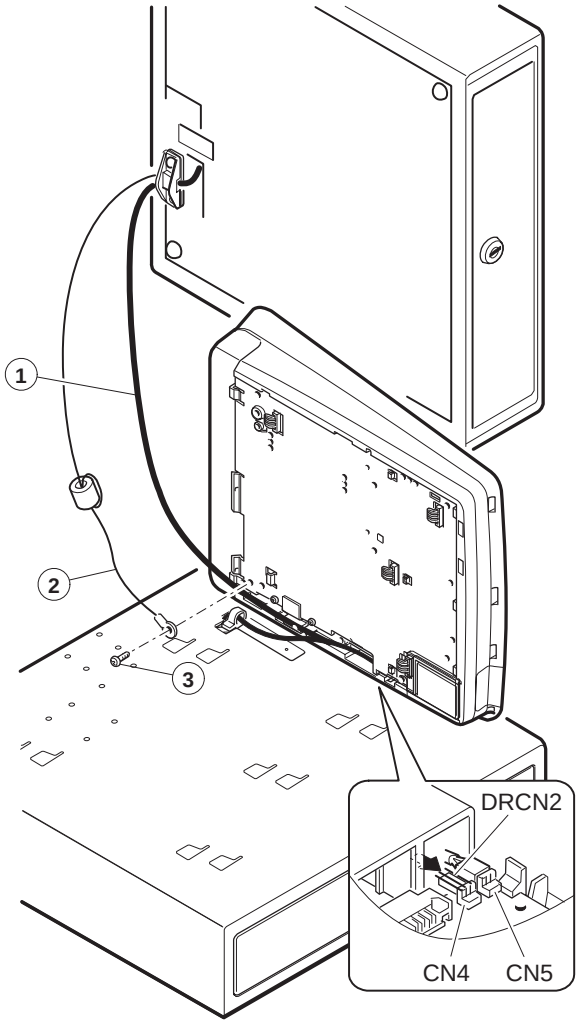
1) Remove the rear cover.
2) Connect the scanner cable ① to the RS232 CH1 connector.
3) Change the slide switch to the +5V side of the RS232 Relay PWB unit.



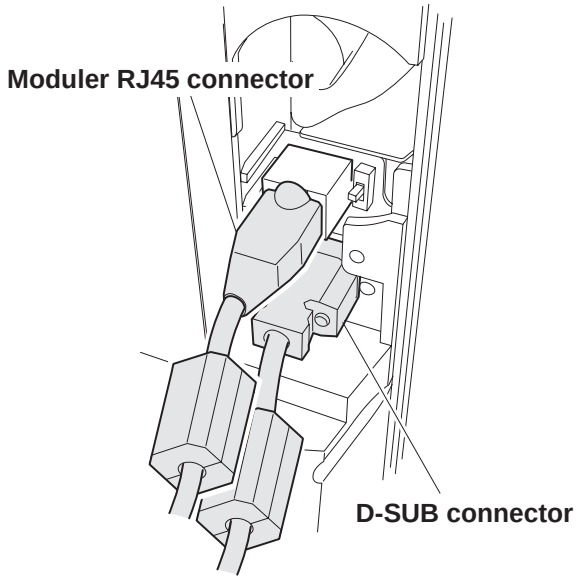


CHAPTER 12. REMOTE DRAWER : ER-04DW/05DW

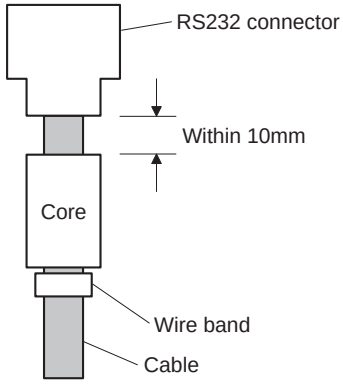
1) Remove the bottom cabinet from the standard drawer unit. (Only for KA/KB version)
2) Connect to the remote drawer cable ① to the drawer connector of the MAIN PWB (CN:4 or CN5).
3) Fix the earth wire ② with a screw ③.



CHAPTER 13. RS232 DEVICES



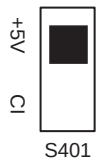
NOTE: Install the ferrite core in a position less than 10 mm from the RS232 connector.



For the RS232 Relay PWB, the signals can be switched over according to the device to be connected.

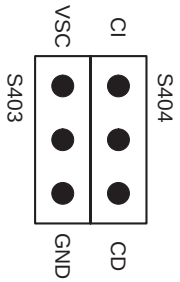
D-SUB connector

With the switch: S401, the signal to Pin 9 can be switched over between +5 and CI.



Modular RJ45 connector

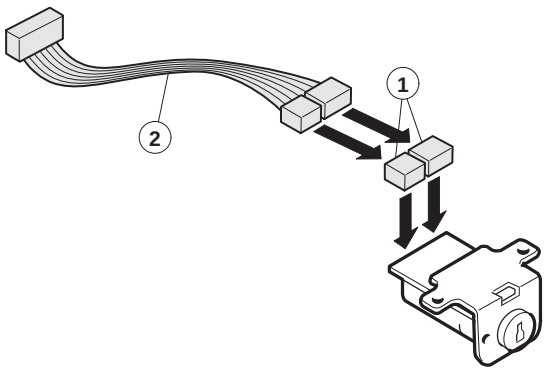
With the switches: S403/S404, the signal to Pin 4 can be switched over between CD, CI, VCC (+5V) and GND.

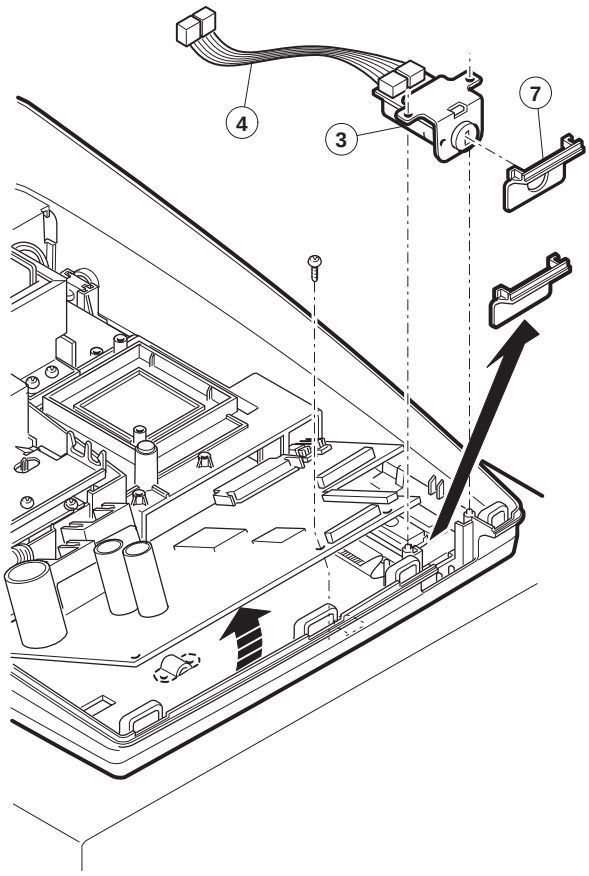


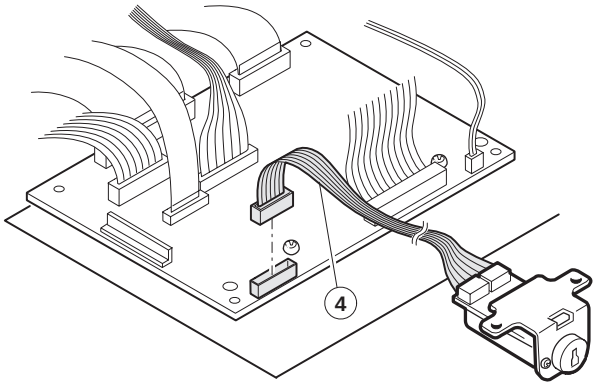
CHAPTER 14. ONE HOLE CLERK KIT : DKIT-8669BHZZ (For UP-600)

No.	PARTS CODE	NAME	Q'ty	PRICE	NOTE
	DKiT-8669BHZZ	ONE HOLE CLERK KIT		BP	
1	QCNCW2423BH0E	Connector (5Pin)	1	AE	
2	QCNCW2892BHZZ	Connector (3Pin)	1	AD	
3	LKGiW7375BHZA	Clerk switch body	1	BH	
4	QCNW-3120BHZZ	Clerk key cable (8pin) (For UP-600)	1	AL	
5	LANGT7581BHZZ	Clerk angle (For UP-600)	1	AM	
6	XJSSD26P08000	Screw	1	AA	
7	GCŌVA7107BHSA	Clerk cover "B" (For UP-600)	1	AH	
8	LKGiM1004BH01	Clerk key No.1	2	AW	
	LKGiM1004BH02	Clerk key No.2	2	AW	
	LKGiM1004BH03	Clerk key No.3	2	AW	
	LKGiM1004BH04	Clerk key No.4	2	AW	
	LKGiM1004BH05	Clerk key No.5	2	AW	
	LKGiM1004BH06	Clerk key No.6	2	AW	
	XJSSD26P08000	Screw	1	AA	UP-600:Not used
	XEBSD30P08000	Screw	2	AA	UP-600:Not used
	QCNW-7818BHZZ	Clerk key cable (5pin)	1	AN	UP-600:Not used
	LANGT7602BHZZ	Clerk angle	1	AM	UP-600:Not used
	GFTAF6922BHZZ	"Clerk cover "B"	1	AG	UP-600:Not used
	GFTAF6922BHSC	"Clerk cover "B"	1	AH	UP-600:Not used

1) Solder the connector 5pin ① and connector 3pin ② to the clerk switch body ③.
2) Connect the clerk key cable 8pin ④ to the clerk switch body ③.
3) Install the clerk angle ⑤ to the clerk switch body ③ with a screw ⑥.







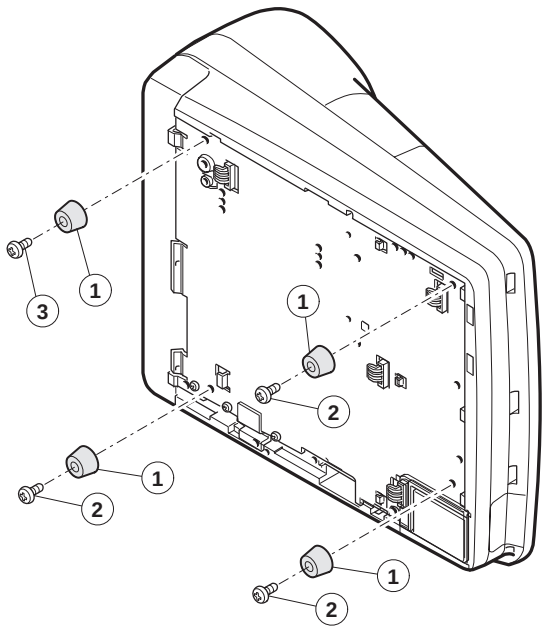
4) Remove the top cabinet
5) Remove the standard clerk cover from the bottom cabinet.
6) Install the clerk cover "B" ⑦ to the bottom cabinet.
7) Install the clerk switch body ③ to the bottom cabinet.
8) Connect the clerk key cable 8pin ④ to the CKDC PWB (CN8)

CHAPTER 15. DRAWER SEPARATION KIT : DKIT-3409BHZZ (For KA/KB version)

PARTS LIST

No.	PARTS CODE	NAME	Q'ty	PRICE
	DKiT-3409BHZZ	DRAWER SEPARATION KIT		AP
1	PGUMM6696BHZZ	Gum leg	4	AE
2	LX-HZ0056BHZZ	Screw	3	AA
3	XJBSD30P14000	Screw	1	AA

1) Remove the standard drawer.
2) Fix the four gum legs ① with four screws ② ③.



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SHARP CORPORATION
Digital Document Systems Group
Quality & Reliability Control Center
Yamatokoriyama, Nara 639-1186, Japan

2001 March Printed in Japan (t)